Inn'formal Probability Seminar

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"Activated Random Walks: superadditivity property, and mysteries about monotonicity"

Abstract:

Activated Random Walks is a variant of the Abelian Sandpile Model, which was introduced by physicists to illustrate the concept of self-organized criticality. This talk will present some recent progress and open questions, in particular a somewhat miraculous superadditivity property for the model in dimension 1, which opens many questions about possible monotonicity properties.

Tuesday | 27.01.2026 | 13.45
HSB 7 | Civil Engineering Building